

WHY CONTROL EROSION?

Rain drops break up soil aggregates when they strike bare soil.

This energy separates fine particles and organic matter from heavier soil particles destroying the soil structure. A hard crust often forms when the soil dries. This crust inhibits water infiltration and plant establishment, and increases runoff and future erosion



Eroded soil contains nitrogen, phosphorous, and other nutrients.

When carried into water bodies, these nutrients trigger algal blooms that reduce water clarity, deplete oxygen, lead to fish kills, and create odors.



Excessive deposition of sediments in streams blankets the bottom fauna, "paves" stream bottoms, and destroys fish spawning areas.



Turbidity from sediment reduces in-stream photosynthesis, which leads to reduced food supply and habitat.

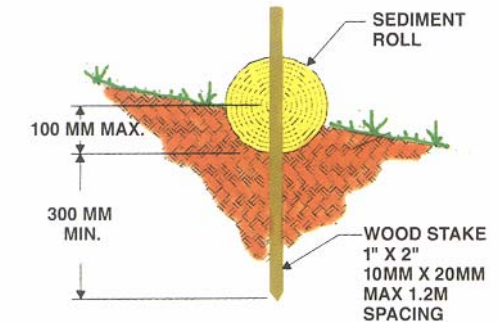


Infiltration of stormwater reduces pollutant discharges to surface water bodies and recharges ground water.

STATE OF CALIFORNIA
CALIFORNIA REGIONAL
WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 AEROVISTA PLACE, SUITE 101
SAN LUIS OBISPO, CA 93401



EROSION AND SEDIMENT CONTROL FOR CONSTRUCTION PROJECTS



ENTRENCHMENT DETAIL
IN SLOPE AREA

MONDAY, OCTOBER 1, 2007
IN SEASIDE, CA

OR

WEDNESDAY, OCTOBER 10, 2007
IN SANTA MARIA, CA

OR

THURSDAY, OCTOBER 11, 2007
IN ATASCADERO, CA

SPONSORED BY:
Central Coast Regional Water Quality Control Board

CO-SPONSORED BY:
California Department of Transportation

GENERAL INFORMATION

Who Should Attend?

- State Enforcement Personnel
- Municipal Planning and Public Works Staff
- Construction and Development Sectors
- Grading and Storm Water Inspectors
- Environmental Contractors and Consultants

What's Included with Registration?

- Continental Breakfast
- Erosion and Sediment Control Field Manual*
- *Keep it Clean* training video for you to take home!
- On-Site Demonstration of Erosion and Sediment Control Procedures
- Certificate of Completion

*Goldman, Steven J., Erosion and Sediment Control Handbook, McGraw Hill Inc., c.1986

Questions?

Concerning the workshop call or email
Ed Othmer, PE, CPESC, CPSWQ
(619) 294-9400
Ed_Othmer@urscorp.com

AGENDA

7:45 AM	Registration Continental Breakfast
8:30 AM	Welcome and Video "Hold on to Your Dirt: Preventing Erosion from Construction Projects"
9:00 AM	Regulations and Responsibilities State and Federal Regulations (CWA, NPDES, SWPPP) Enforcement
9:45 AM	Break
10:00 AM	Erosion and Sediment Control Best Management Practices
11:20 AM	Inspections and Monitoring
12:00 PM	Potential Permit Changes
12:30 PM	Lunch Break
1:30 PM	Vendor Presentations
2:00 PM	Demonstration Site Visit <i>FIELD TRIP WILL BE CONDUCTED RAIN OR SHINE- PLEASE DRESS ACCORDINGLY!</i>
4:00 PM	Questions and Certificates
4:30 PM	Adjourn

REGISTRATION

Register by September 24, 2007...there is no charge!!

**Mail or fax this completed
registration form for each
person attending to:**

URS Corporation
Attn: Ed Othmer
1615 Murray Canyon Road, Suite 1000
San Diego, CA 92108
Fax: (619) 293-7920

Name: _____

Affiliation: _____

Email address: _____

Telephone: _____

Fax: _____

Select Your Preferred Class:

- ☐ MONDAY, OCTOBER 1, 2007 – SEASIDE, CA
- ☐ WEDNESDAY, OCTOBER 10, 2007 – SANTA MARIA, CA
- ☐ THURSDAY, OCTOBER 11, 2007 – ATASCADERO, CA

*Note: Workshop class size is limited to 75 people.
Registration will be processed on a first come, first
served basis.*

